

HONOLULU IRON WORKS CO.,
Steam Engines,
Boilers, Sugar Mills, Coolers, Brass
and Lead Castings,
And Machinery of every description made
to order. Particular attention paid to
ships' blacksmithing. Job work executed
on the shortest notice.

LEWERS & COOKE,
Successors to Lewers & Dickson,
Importers and Dealers in Lumber
And All Kinds of Building Material,
NO. 82 FORT STREET, HONOLULU.

H. JAOUEN,
Practical Gunmaker,
Will do any kind of repairing to Firearms,
also Browning and Bluing and Restocking
equal to factory work. Satisfaction
Guaranteed.
Union Street, with C. Sterling, Painter.

American Livery and Boarding Stables,
Cor. Merchant and Richards Sts.
LIVERY AND BOARDING STABLES
Carriages, Surreys and Hacks at all
hours.
TELEPHONE 490.

MERCHANTS' EXCHANGE,
Cor. King and Nuuanu Streets.
Just Received by the Australia a Fresh
Invoice of
Enterprise Beer and Oysters
FOR COCKTAILS.
Telephone 805.

KAHULUI HOTEL,
KAHULUI, MAUI.
SAM SING - Proprietor.
Special Attention to the Traveling Public.
MEALS AT ALL HOURS.

"HALF AND HALF"
Is a Great Appetizer.
Makes the weak stout and purifies the
blood.
SOLD AT THE EMPIRE SALOON:
Two for 25 Cents.

BEAVER SALOON,
Pera Street, opposite Wilder & Co.'s
H. J. NOLTE, Proprietor.
First-Class Lunches Served With Tea, Coffee,
Soda Water, Ginger Ale or Milk.
Open from 3 a. m. till 10 p. m.
Smokers' Requisites a Specialty.

GONSALVES & CO.,
Wholesale Grocers and Wine
Merchants,
25 Queen Street, Honolulu, H. I.

LEWIS & CO.,
Wholesale and Retail Grocers,
111 FORT STREET.
Telephone 240. P. O. Box 29.

ATLAS ASSURANCE COMPANY
OF LONDON.
ASSETS - - - \$10,000,000.

H. W. SCHMIDT & SONS,
Agents for the Hawaiian Islands.

H. MAY & CO.,
Wholesale and Retail Grocers,
98 FORT STREET.
Telephone 22. P. O. Box 470.

S. KIMURA,
Wholesale Dealer in Japanese Wines
LIQUORS AND PROVISIONS.
KAI I A S P E C I A L T Y.
ALLEN STREET, TELEPHONE 704.

M. W. McKEESNEY & SONS,
Wholesale Grocers
And Dealers in
LEATHER AND SHOE FINDINGS
Agents Honolulu Soap Works Company
and Honolulu Tannery.

TOURISTS' GUIDE
THROUGH
HAWAII
H. M. Whitney, Publisher.
Only Complete Guide Published.
BEAUTIFULLY ILLUSTRATED.
PRICE 75c.
For Sale by Hawaiian News Co.,
Honolulu, Hawaiian Islands.

EDMUND P. DOLE,
Attorney at Law,
318 FORT STREET.
Telephone 91.

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AND
Agent to Take Acknowledgments.
Office, 13 Kaahumanu St., Honolulu.

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Attorney at Law,
In Office of J. A. Magoon, Old Capitol
Building, next Postoffice, Honolulu.

GILBERT F. LITTLE,
Attorney at Law,
HILO, HAWAII.

MISS D. LAMB,
Lawyer's Clerk
AND
Notary Public,
Office: With J. A. Magoon.

DR. C. CLIFFORD RYDER,
FORMERLY OF THE:
CALIFORNIA STATE WOMAN'S HOSPITAL
Office: No. 73 Beretania street,
opposite the Hawaiian Hotel.
TELEPHONE 244.

DR. J. UCHIDA,
Physician and Surgeon,
5 KUKUI LANE.
Office Hours, 8 to 12 a. m. and 7 to 8 p. m.
Mutual Tel. 532.

DR. I. MORI,
Office Fort street near Beretania. Hours
7 to 8:30 a. m. and 4 to 8:30 p. m. Satur-
day and Sunday, 1 to 5 p. m. Telephone
530.
Residence Arlington Hotel.

DR. E. C. SURMANN
Has Removed to Garden Lane.
-- TELEPHONE 181. --

DR. RUSSEL,
OFFICE: MASONIC BUILDING.
Hours: 9 to 11 a. m. and 3 to 5 p. m.
Telephone 484.
Residence: Hawaiian Hotel.

DR. TUCKER
Has removed his office to
Corner of Beretania and Fort Streets
Office hours: 9 to 11 a. m., 4 to 5 p. m.
and 7 to 8 p. m.
Telephones: Office 923, resi-
dence 427.

M. E. GROSSMAN, D. D. S.
-- Dentist --
98 HOTEL ST., HONOLULU.
Office Hours, 9 a. m. to 4 p. m.

HAWAIIAN HARDWARE CO.,
HARDWARE,
Cutlery and Glassware
307 FORT STREET.

M. HACKFELD & CO.,
General Commission Agents;
Our Fort and Queen Streets,
Honolulu.

Consolidated Soda Water Works Co.,
LIMITED,
Esplanade, Cor. Allen and Fort Sts.
HOLLISTER & CO., Agents.

SPECIAL BUSINESS ITEMS.

Per S. S. Monowai, from the
Coast, Honolulu December 20th.
Camarino's Refrigerator, contain-
ing a full supply of ice house
goods, such as Fresh Frozen Poul-
try, Oysters, Fruits: G es of
all kinds, Peaches, Pears, Apples,
Cranberries; Cauliflower, Celery,
Nuts, Dried Figs, etc.

CALIFORNIA FRUIT MARKET
Telephone 378.

THE RICHELIEU RESTAU-
RANT serves meals a la carte at
all hours. Cold luncheons during
the evening a specialty.

A. J. Derby, D. D. S. Dental
Rooms 100 Alakea St., between
Beretania and Hotel. Treatment
of dead teeth and roots a specialty.
Office hours, 9 a. m. to 4 p. m.
Tel. 615.

THE SINGER received
54 first awards for sewing ma-
chines and embroidery work at
the World's Fair, Chicago, Ill.,
being the largest number of
awards obtained by any exhibitor
and more than double the num-
ber given to all other sewing ma-
chines. For sale, lease and rent.
Repairing done
B. BERGERSEN, 113 Bethel

Bedroom Sets, Wardrobes, Ice
Boxes, Stoves, Hanging Lamps,
Chiffoniers, Steamer and Veranda
Chairs, Bed Lounges, Sofas, Baby
Cribs, Clothes Baskets, Sewing
Machines, Whatnots, Meat Safes,
Trunks, Rugs, Bureaus, etc., sold
at the lowest Cash Prices at the
I. X. L. corner of Nuuanu and
King streets.

When you wish to discontinue
housekeeping let Chas. Hawkins
bid on your furniture in its en-
tirety. It will avoid inconveni-
ence of selling in pieces or sale.
King and Alakea streets.

Charles Hawkins makes esti-
mates on all classes of painting,
wall papering and upholstering.
All work guaranteed. King and
Alakea streets.

New and Second Hand furniture
and all kinds of Second Hand
books, jewelry and diamonds
bought and sold. Contracts for
painting. CHAS. HAWKINS.

For bargains in New and Second
hand Furniture, Lawn Mowers,
Wicker Chairs, Garden Hose, etc.,
call at the I. X. L. corner of Nu-
uanu and King streets.

HAWAIIAN BOAT HOUSE,
Foot of Richards street.
Have fine pleasure boats of all
descriptions for rent by the hour
or day. Moonlight Boating Par-
ties.

If you want to sell out your Fur-
niture in its entirety, call at the
I. X. L.

City Carriage Company have re-
moved to the corner of Fort and
Merchant streets; Telephone No.
113. First-class carriages at all
hours. JOHN S. ANDRADE.

G. R. Harrison, Practical Piano
and Organ Maker and Tuner, can
furnish best factory references.
Orders left at the Hawaiian News
Co. will receive prompt attention.
All work guaranteed to be the
same as done in factory.

HERE'S ANOTHER
Special Offer For One Week.

Choice line of Organdies, \$6 to \$12, com-
plete; choice line of French Organdies, \$12
complete.
We shall continue to offer you your choice
of cloth suitings made to order for \$15,
\$16 and \$18 complete.
Linen Duck Suits to order \$15.
Cotton Duck Suits to order \$5.
Cotton Duck Suits to order \$10.
If you wish to take advantage of this op-
portunity to obtain a suit of cloth, organdie
or duck cheap, good workmanship, fit
and faultless style guaranteed, place
your orders early as this offer will positive-
ly not be extended beyond the specified
time. B. F. EHLERS & CO.

Daily Advertiser 75 cents a
month. Delivered by carrier.

ISLAND OF MAURITIUS.

Timely Discussion of Needed
Improvements on Oahu.

VALUABLE LANDS LYING WASTE.

Production of Sugar and Its Possible
Increase—Hope of the Country is in
Small Holdings—Ewa Plantation as
a Factor of Local Trade, Etc.

EDITOR ADVERTISER:—In your re-
marks in the ADVERTISER referring
to the island of Mauritius and the
possibilities in store for the land own-
ers and business people of the island
of Oahu, you touched upon a subject
which has been for several years of
special interest to me. If you will
kindly allow me space in your valu-
able paper, I will venture to make
some statements gleaned from the
Encyclopaedia Britannica, followed by
some observations concerning the de-
velopment of the resources of the
island of Oahu.

Mauritius, formerly called the Isle
of France, lies in the southwestern
portion of the Indian Ocean, between
57° 18' and 57° 48' east longitude and
19° 58' and 20° 31' south latitude. It
will thus be seen that Mauritius is
about as far south of the equator as
Oahu is north.

The island is somewhat triangular
in shape, is thirty-six miles long
and about twenty-three miles broad. It is
130 miles in circumference, and its
total area about 713 square miles. The
highest summit is 2711 feet above the
sea. The geological formation of
Mauritius is undoubtedly volcanic.
The climate during the cool season of
the year is pleasant, but oppressively
hot in summer (December to April),
except in the interior plains, where the
thermometer ranges from 70° to
80°, while in Port Louis and the coast
generally it ranges from 90° to 96°.

In 1854 a visitation of Asiatic chol-
era swept off 17,000 people. In 1867 a
still more destructive inundation of ma-
larial fever—of an unusually fatal
type—almost paralyzed the whole
community for many weeks, carrying
off 30,000 people and greatly affecting
the finances of the colony.

From the month of January to the
middle of April, Mauritius, in com-
mon with the neighboring islands and
surrounding ocean from 8° to 30° of
south latitude, is subject to severe and
destructive cyclones, accompanied by
torrents of rain, which often cause
great destruction to houses and plan-
tations. The soil of the island is of
considerable fertility; it is a ferruginous
red clay, but so largely mingled
with stones of all sizes that no plow
can be used, and the hoe has to be em-
ployed to prepare the ground for cul-
tivation. The woods, with which the
island was largely clothed when first
discovered, have been to a great ex-
tent cut down, and the greater portion
of the plain is now a vast sugar plan-
tation. The soil is suitable for the
cultivation of almost all kinds of
tropical produce, and it is to be
regretted that the prosperity of
the colony depends entirely on one
article of production, for the conse-
quences are serious when there hap-
pens to be a failure, more or less, of
the sugar crop. Guano is extensively
imported as a manure, and by its use
the natural fertility of the soil has
been increased to a wonderful extent.

The prosperity of Mauritius, as al-
ready mentioned, depends almost en-
tirely upon its sugar crop, and the
export trade of the island greatly in-
creased during the twenty years end-
ing 1880. In 1864 the imports were
\$12,914,000, with exports \$11,448,000.
In 1880 the imports were \$10,848,000,
exports \$18,175,000.

"Mahede Labourdonnais," (1735-46),
a man of eminent talents and virtue
introduced the culture of sugar cane
and thus laid a firm foundation for
the future prosperity of the island.
The construction of the Mauritius
railway has given a great impetus to
the trade of the colony; the system
embraces two lines of a total length of
87 miles. In 1854 the sugar crop
amounted to 102,000 tons. In 1877 it
reached 189,164 tons. The total popu-
lation in 1851 was 188,506; in 1881 it
was 260,847.

The island of Oahu is not quite as
large as Mauritius, having an area of
80 square miles, and a population of
only 35,000. Prior to 1880 there were
on this island five sugar plantations,
with an annual output of 4,000 to 6,000
tons of sugar, besides the rice industry
with annual crops of 4,000 to 6,000
tons of paddy. Bananas exported, 60,000 to
80,000 bunches. To this list may be
added a few hundred bullock hides
and as many goat skins, to complete
the entire export product of the island
of Oahu. Since 1880 two more sugar
plantations have been added, with an
increase in the production of sugar
for 1896 of a possible 12,000 tons, or a
total crop from this island of 20,000
tons.

The starting of Ewa plantation may
yet prove the salvation of the trade
and commerce of this island. It has
been demonstrated through the suc-
cession of Ewa plantation beyond a ques-
tion of doubt that the best, the safest
and surest results from investments
in the sugar industry in this country
is to come from plantations which
can be established on good soil, locat-
ed where an abundance of pure spring
or artesian water can be obtained and
put upon the land by the use of high
duty irrigation pumps. Over 60,000
acres of arable land, the most of
which appears to be equal to the best
land controlled by Ewa plantation, is
now lying waste on this island, ex-
cept for pasturing cattle, and there
is water running to waste suffi-
cient to bring the entire
tract under cultivation. There can
never be produced on this island, in
any event, a sufficient amount of
sugar to create the slightest ripple
on the surface of the world's
market, but it is quite feasible to
increase the production of sugar
on the island to an annual output of
60,000 to 80,000 tons.

The world moves on in every de-
partment! Wonderful improvements
have been made in the construction
of irrigation pumps, in every detail,
but more essentially in the economy
of operation. Only 1½ pounds of coal
per horse-power per hour is now re-
quired to raise water—which is half or
less than half the coal required a few
years since. It has been also clearly
demonstrated that water supplied in
abundance, where most needed, for
cane planted in good soil, will pro-
duce from two to three tons more
sugar per acre, than the best lands
situated in the most favorable locali-
ties in these islands, where the only
water supply comes from the upper
rainfall. Then the question of
how high an elevation you can afford
to raise the water by pumping is easily
determined by considering the cost of
raising water at a given height, which
poured upon soil of a given quality
will produce a certain number of tons
of sugar per acre and which will sell
at a certain average price.

Several of the largest and most
progressive pump manufacturers in
the United States, if not in the world,
have supplied figures and specifica-
tions, with guarantees, for water to be
raised at a height of 650 to 850 feet
(with coal at such price as it can be
supplied on this island) at a cost that
will make sugar raising on good soil
profitable at the lowest price it has
ever netted the average producer on
the islands. Coffee, fruit and sugar-
cane lands we also have in abundance. We
can if we will bring this island of
Oahu under such a high state of culti-
vation that an industrious population
of 250,000 may dwell here in peace and
prosperity. This condition of prosperity,
however, will never be reached with-
out effort. The effort must be well
directed and guided by intelligence.
It must be an effort backed by the
whole thinking community. No bet-
ter illustration of the power of united
effort can be brought to mind than the
grand object lesson taught by the per-
fect unity and co-operation which
gave this community their swift vic-
tory over the invasion of Asiatic
cholera.

It is said "the world is just what we
make it," so our destiny is in our
hands. Shall we stand by with fold-
ed arms and gaze through the mist of
change which time has wrought and
see the current of trade drift away to
our neighboring islands, where nature
and the energy of our fellow men are
making the waste places blossom like
the rose? Shall the lands of Oahu
now held in large tracts by a few land
monopolists continue to be the home
of four footed beasts. Will owners
of thousands of acres of
grazing land continue to collect
their rents, and invest the money so
received in city property and continue
to build stores. Some day not very
remote they will wake up to the fact
that wild beasts of the field are neither
"drawers of water or hewers of stone,"
neither do they consume merchandise
or rent stores.

COMING EVENTS.

Dr. Lindley is down from Kona
to spend the holidays and see his
many friends. He will return
home tomorrow by the W. G. Hall.

A CABLE TO HONOLULU

Incorporation of a Trans-Pacific
Telegraph Company.

BRANCH LINE TO AUSTRALIA.

Projected Route to Connect San Fran-
cisco and Proposed Naval Station at
Pearl Harbor—Asia and Adjacent
Islands to be Connected, Etc.

ALBANY, Dec. 10.—The Pacific
Cable Company was incorporated
this afternoon with a capital of
\$100,000 to run its own or leased
wires from New York to California;
thence under the Pacific ocean to
Japan, touching Hawaii and other
islands on the way; thence to the
continent of Asia and islands ad-
jacent thereto, including the island
of Australasia.

The directors are Edmund L.
Baylies, H. L. Leroy, C. D. Wet-
more, G. A. Mills, Montclair, N. J.;
J. M. Robertson and W. H. F.
Hughes of New York, and F. H.
Allen of Pelham Manor.

The plans and scope of this com-
pany were discussed at a meeting
held last Saturday in the office of
the Central and South American
Telegraph Company. James A.
Seymour was Chairman of the
meeting. Edmund L. Baylies, of
the firm of Carter & Ledyard, who
is one of the incorporators, said to-
night the company would eventually
increase its capital to \$8,500,000
or \$10,000,000 and it intended to
proceed with the laying of a cable
as soon as the preliminary arrange-
ments had been concluded. The
plan contemplates a cable from San
Francisco to Hawaii and thence to
Japan and other points of Asia
with a branch to Australia. Busi-
ness between San Francisco and
New York will be done over leased
wires. Steps have been taken to
secure the concessions necessary for
landing the cable in Hawaii and
Japan. As yet the plans of the
company are in a formative stage.
F. H. Allen, who is one of the in-
corporators, is a son of a former
Minister to Hawaii.

ORGANIZATION COMPLETED.

NEW YORK, Dec. 7.—A meet-
ing was held today at the office of
the Central and South American
Telegraph Company for the pur-
pose of completing the organization
of the Pacific Cable Company. This
company will be independent of the
Mexican, Central and South Ameri-
can telegraph companies in its or-
ganization, but they will have rela-
tions which will be mutually ad-
vantageous.

The projected cable will connect
San Francisco with the proposed
American naval station at Pearl
River harbor, in the Hawaiian
islands, Japan, China, Australia
and India. A committee on plan
and scope was appointed.

Poor Children's Christmas.

The boys of Kamehameha gave
the poor children of Kalihi a very
happy Christmas yesterday. Last
year they did this in a small way,
but this year they surpassed them-
selves. The poor children were
visited personally by members of
the committee from the Kameha-
meha students, and their wants as
ascertained furnished Tuesday even-
ing. The scene of the occasion was
the Kalihi-waena school building,
granted through the kindness of
the principal. The children were
rendered very happy by the receipt
of presents from the boys of Ka-
mehameha.

Highest of all in Leavening Power.—Latest U. S. Gov't Report

Royal Baking Powder
ABSOLUTELY PURE